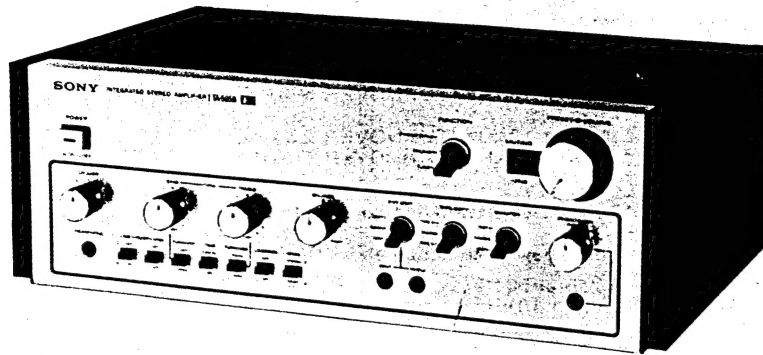


TA-5650

WEGA V4810USA Model
Canada Model
UK Model
AEP Model



Discard TA-5650 service manual previously
 issued for UK and AEP Models.
 This service manual contains former information.

INTEGRATED STEREO AMPLIFIER

SPECIFICATIONS

GENERAL

Power Requirements: 120 V ac, 60 Hz (USA and Canada Model)
 110, 127, 220 or 240 V ac adjustable,
 50/60 Hz (UK and AEP Model)

Power Consumption: 160 W (USA Model)
 320 VA (Canada Model)
 440 W (UK and AEP Model)

Dimensions: Approx. 460(w) x 168(h) x 323(d) mm
 18¹/₈ (w) x 6⁵/₈ (h) x 12³/₄ (d)
 inches
 Including projecting parts
 and controls

Weight: Approx. 13.4 kg, 29 lb 9 oz (net)
 Approx. 16 kg, 35 lb 4 oz (in shipping
 carton)

Harmonic Distortion: Less than 0.1 % at rated output
 Less than 0.08 % at 1 W output

IM Distortion: Less than 0.1 % at rated output
 (60 Hz : 7 kHz = 4 : 1)
 Less than 0.08 % at 1 W output

Frequency Response
 (at 1 W output): 2 Hz — 100 kHz⁺⁰₋₂ dB

S/N Ratio: Greater than 110 dB, short-circuited
 input

Residual Noise: Less than 0.02 μ W (8 Ω)

Damping Factor: 50 (8 Ω , at 1 kHz)

Inputs: **POWER INPUT**
 Sensitivity 1 V RMS (for rated
 output), impedance 50 k Ω

Outputs: **SPEAKER** terminals A, B
 Accept speakers of 4 Ω or more
HEADPHONES jack
 Accepts low-and high-impedance
 stereo headphones

POWER AMPLIFIER SECTION

Continuous RMS
Power Output: At 1 kHz
 (less than 0.1 % THD,
 both channels driven
 simultaneously) 60 + 60 W (8 Ω)
 50 + 50 W (4 Ω)
 At 20 Hz — 20 kHz
 50 + 50 W (8 Ω)
 according to DIN 45500
 55 + 55 W (8 Ω)

Dynamic Power
Output: 160 W (8 Ω)
 (IHF constant power
 supply method) 140 W (4 Ω)

Power Bandwidth
 (IHF): 5 — 40,000 Hz

0 dB = 0.775 V

— continued on page 2 —

SONY[®]

SERVICE MANUAL

PREAMPLIFIER SECTION

Harmonic Distortion: Less than 0.05 % at rated output
IM Distortion: Less than 0.05 % at rated output
 (60 Hz : 7 kHz = 4 : 1)
Frequency Response: PHONO 1, 2 RIAA equalization ± 0.5 dB
 TUNER
 AUX 1, 2, 3
 TAPE 1, 2
 REC/PB (input)
 EXT ADPT 1, 2 (input)
 $\left. \begin{array}{l} \\ \\ \\ \\ \end{array} \right\} \begin{array}{l} 10 \text{ Hz} - \\ 100 \text{ kHz} +0 \text{ dB} \\ \text{(TONE: CANCEL)} \end{array}$
Tone Controls: BASS:
 ± 10 dB at 50 Hz (TURNOVER 250 Hz)
 ± 10 dB at 100 Hz (TURNOVER 500 Hz)
 TREBLE:
 ± 10 dB at 10 kHz (TURNOVER 2.5 kHz)
 ± 10 dB at 20 kHz (TURNOVER 5 kHz)
Filters: LOW:
 12 dB/octave attenuation below 30 Hz
 HIGH:
 12 dB/octave attenuation above 9 kHz
Loudness switch: + 10 dB at 50 Hz
 (att. 30 dB) + 3 dB at 10 kHz

Inputs:

	Sensitivity	Impedance	Maximum input capability*	S/N (weighting network)
PHONO 1, 2	2.5 mV	50 k ohms	300 mV	greater than 70 dB (B)
AUX 1, 2, 3 TAPE 1, 2 REC/PB (input) EXT ADPT 1, 2(input)	150 mV	250 k ohms	—	greater than 90 dB (A)

* The maximum input capability is measured at a 0.05 % harmonic distortion.

Outputs:

	Output voltage	Impedance
REC OUT 1, 2	150 mV	4.7 k ohms
PRE OUTPUT	1 V	1 k ohm
REC/PB	17 mV	82 k ohms
EXT ADPT 1, 2	150 mV	4.7 k ohms

Specification Labels:

USA Model

SONY [®]	INTEGRATED STEREO AMPLIFIER
	MODEL NO. TA-5650
	AC 120V 60Hz 160W
	SERIAL NO. _____
MADE IN JAPAN	

Canada Model

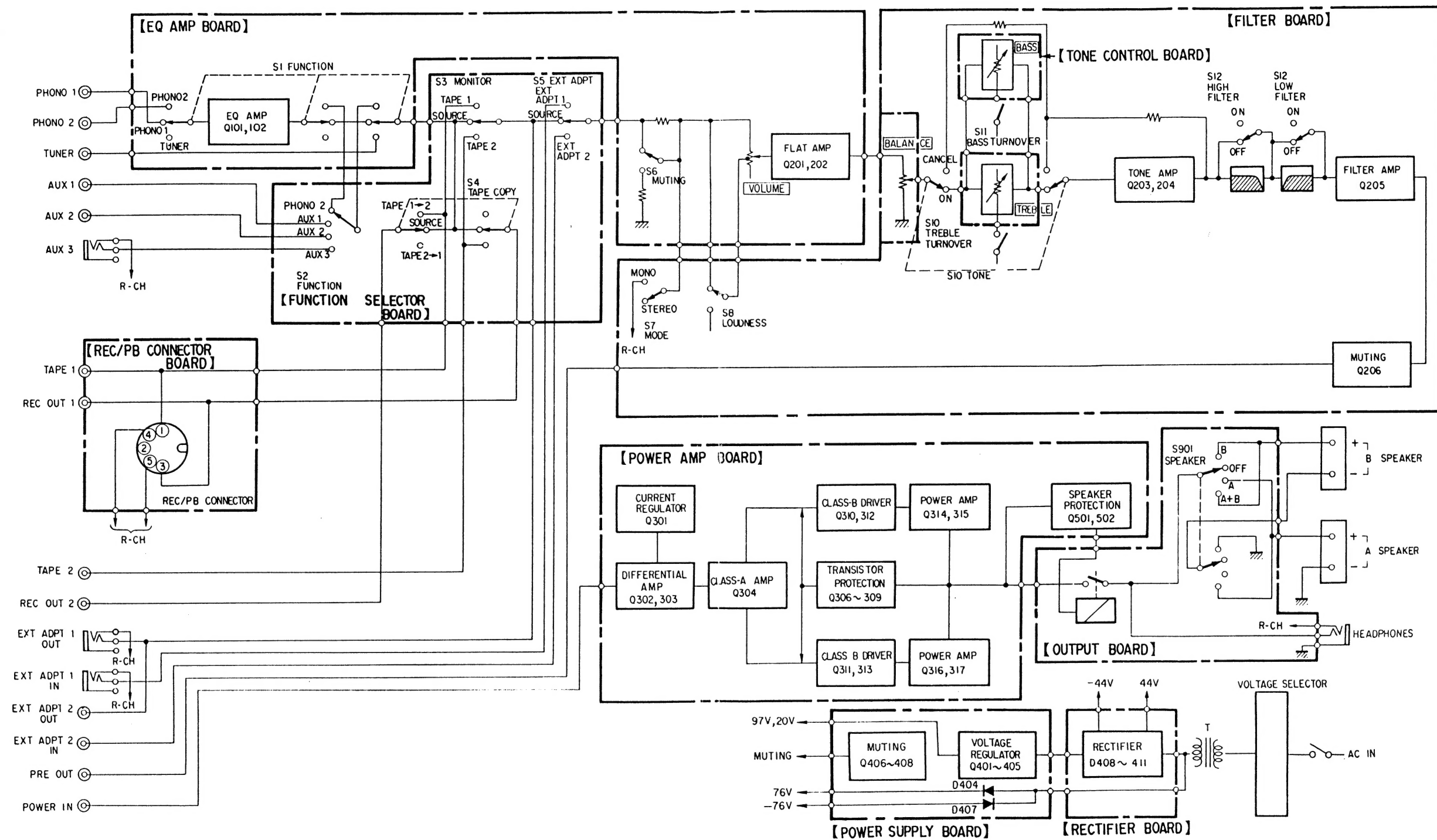
SONY [®]	INTEGRATED STEREO AMPLIFIER
	MODEL NO. TA-5650
	AC 120V 60Hz 320VA
	SERIAL NO. _____
MADE IN JAPAN	

UK and AEP Models

SONY [®]	INTEGRATED STEREO AMPLIFIER
	MODEL NO. TA-5650
	AC 110.127.220.240V~ 50/60Hz 440W
	SERIAL NO. * _____
MADE IN JAPAN	

Note: * UK Model: Serial No. 600,001 and later
 AEP Model: Serial No. 500,001 and later

SECTION 1
BLOCK DIAGRAM



SECTION 2 ADJUSTMENT

Note: Turn the power switch on and allow about five minutes for warm-up the set.

2-1. 20 V POWER VOLTAGE ADJUSTMENT

With no input signal, adjust RT401 so that the emitter voltage of Q403 becomes 20 V.

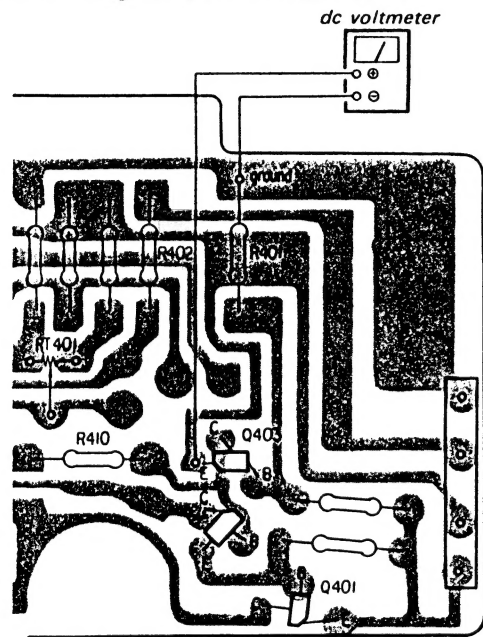


Fig. 2-1. 20 V power voltage adjustment

2-2. 97 V POWER VOLTAGE CONFIRMATION

After 20 V power voltage adjustment, confirm that the emitter voltage of Q401 shows 97 V \pm 3 V.

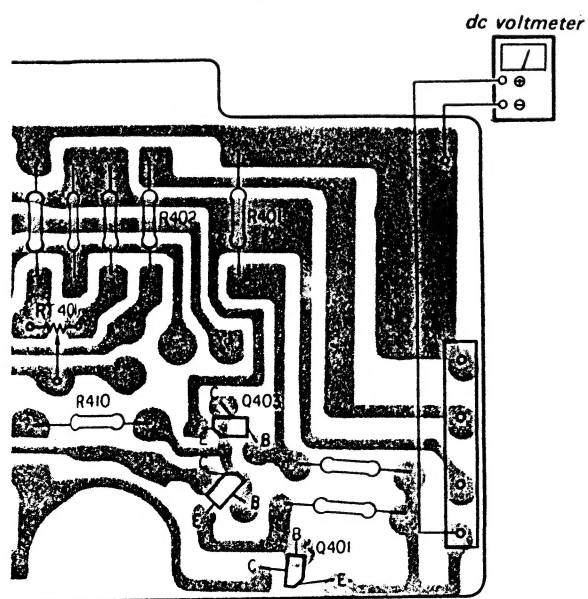


Fig. 2-2. 97 V power voltage confirmation

2-3. CONFIRMATION OF DC BALANCE VOLTAGE

1. Set the SPEAKER switch to "A" position.
2. Connect the dc voltmeter across the SPEAKER OUT "A".
3. Confirm that the dc voltage at SPEAKER OUT "A" shows 0 V \pm 50 mV.

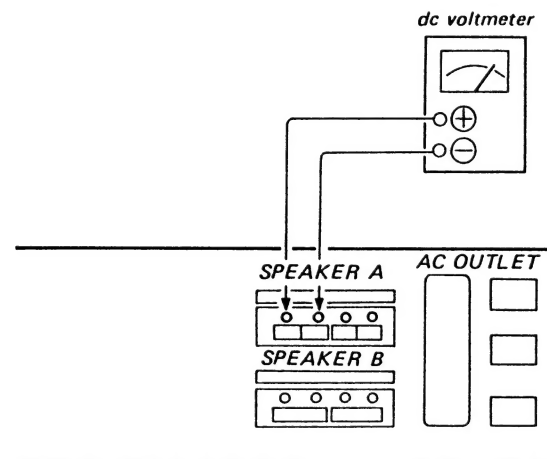


Fig. 2-3. Confirmation of dc balance voltage

2-4. DC BIAS ADJUSTMENT

Adjust RT301 and RT351 for 90 mV reading on the meter with no input signal.

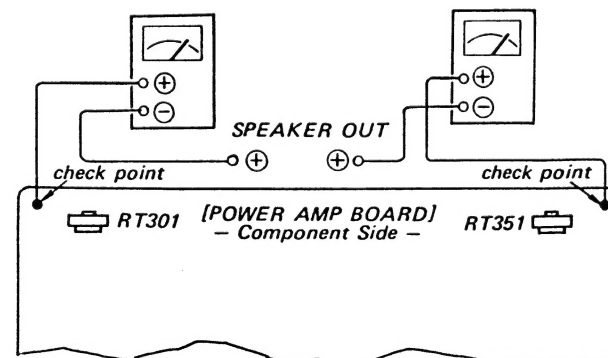


Fig. 2-4. DC bias adjustment

2-5. CHASSIS LAYOUT

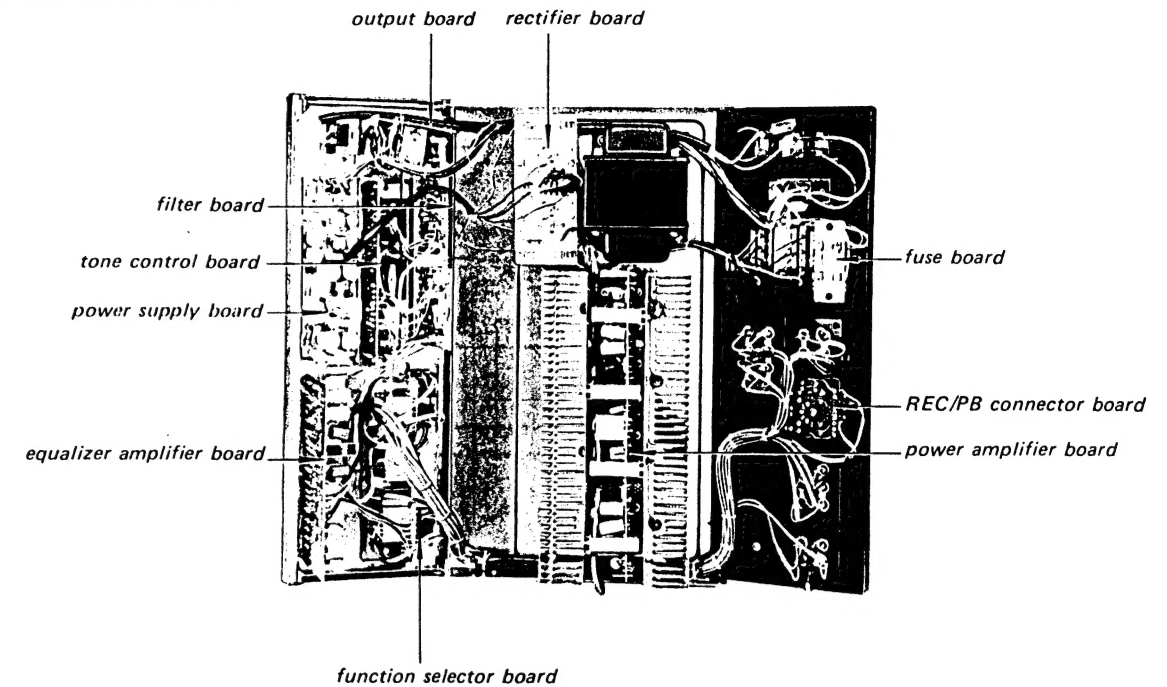
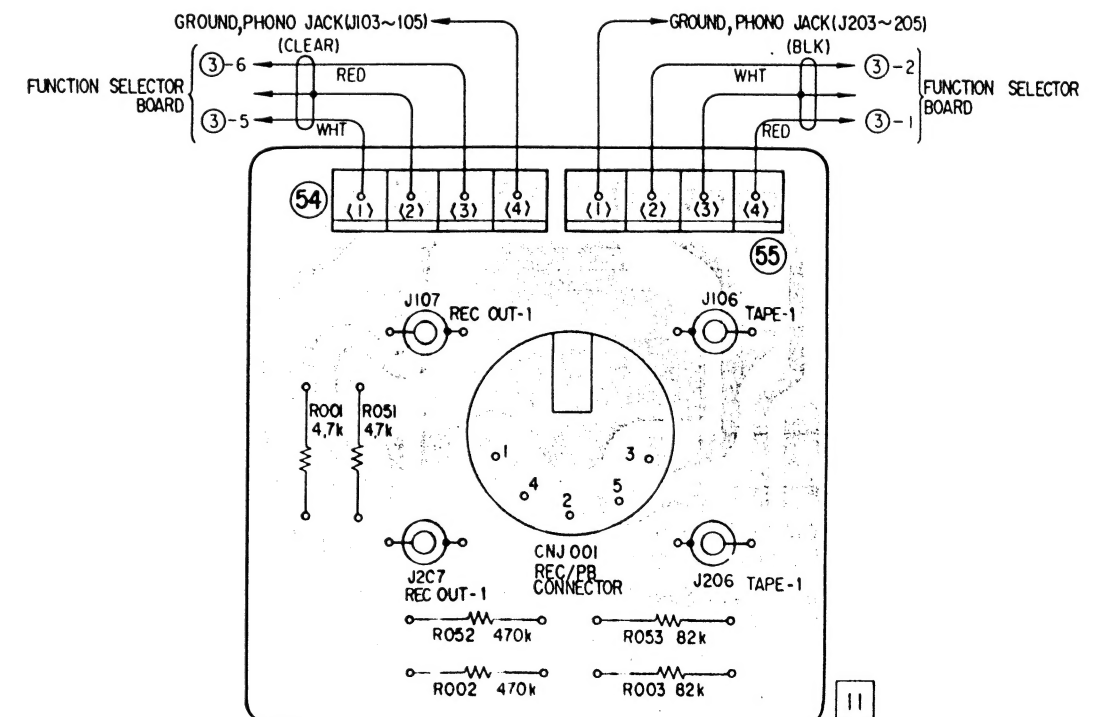


Fig. 2-5. Chassis layout

SECTION 3 MOUNTING AND SCHEMATIC DIAGRAMS

3-1. MOUNTING DIAGRAM - REC/PB CONNECTOR BOARD -

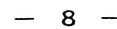
- Conductor Side -



– Conductor Side –



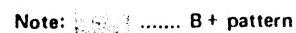
– Conductor Side –



X

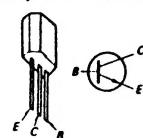
– Conductor Side –

UK Model: Up to serial No. 600,350
AEP Model: Up to serial No. 501,900



Q102, 152: 2SK63

Q202, 252: 2SA705



— Conductor Side —

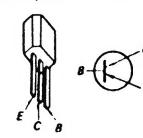
UK Model: Up to serial No. 600,350
AEP Model: Up to serial No. 501,900



Q203, 205, 206 } 2SK23A
Q253, 255, 256 }

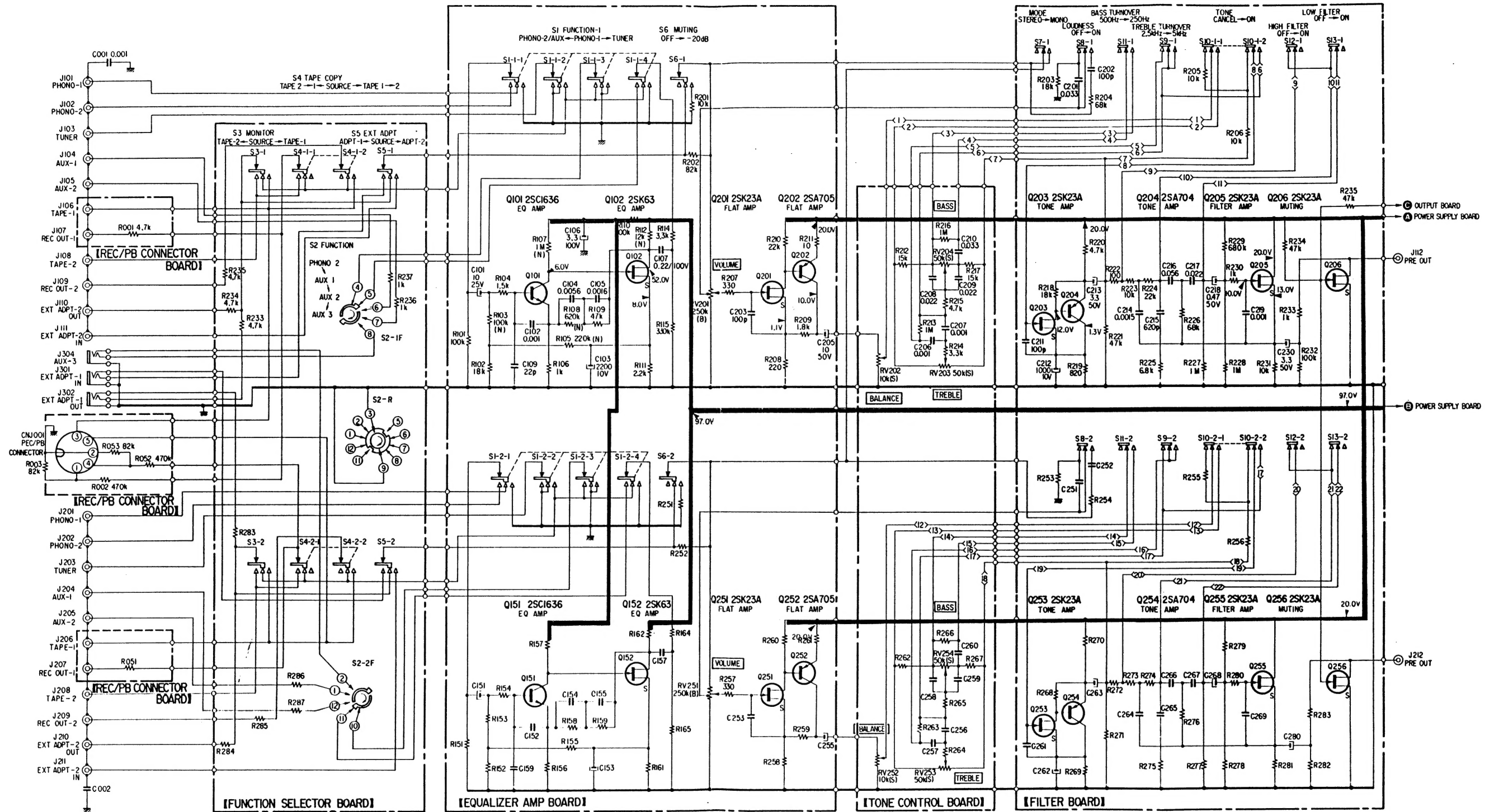


Q204, 254: 2SA704



3-6. SCHEMATIC DIAGRAM - PREAMPLIFIER SECTION -

UK Model: Up to Serial No. 600,350
AEP Model: Up to Serial No. 501,900



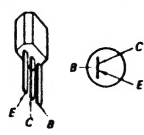
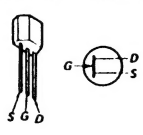
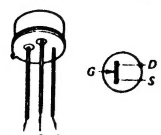
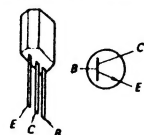
- S1---FUNCTION (PHONO1)
- S2---FUNCTION (PHONO2)
- S3---MONITOR (SOURCE)
- S4---TAPE COPY (SOURCE)
- S5---EXT ADPT (SOURCE)
- S6---MUTING (OFF)
- S7---MODE (STEREO)
- S8---LOUDNESS (OFF)
- S9---TREBLE TURNOVER (2.5kHz)
- S10---TONE (CANCEL)
- S11---BASS TURNOVER (500Hz)
- S12---HIGH FILTER (OFF)
- S13---LOW FILTER (OFF)

Note:
All resistance values are in ohms. k = 1,000, M = 1,000k
All capacitance values are in μ F except as indicated with p, which means μ F.
All voltages are dc measured with a VOM which has an input impedance of 20k ohms/volt. No signal in.
Voltage variations may be noted due to normal production tolerances.

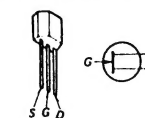
3-8. MOUNTING DIAGRAM – FILTER BOARD –

– Conductor Side –

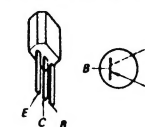
USA Model:	Serial No. 800,001 and later
Canada Model:	Serial No. 700,001 and later
UK Model:	Serial No. 600,351 and later
AEP Model:	Serial No. 501,901 and later



Q203, 205, 206 } 2SK23A
Q253, 255, 256 }

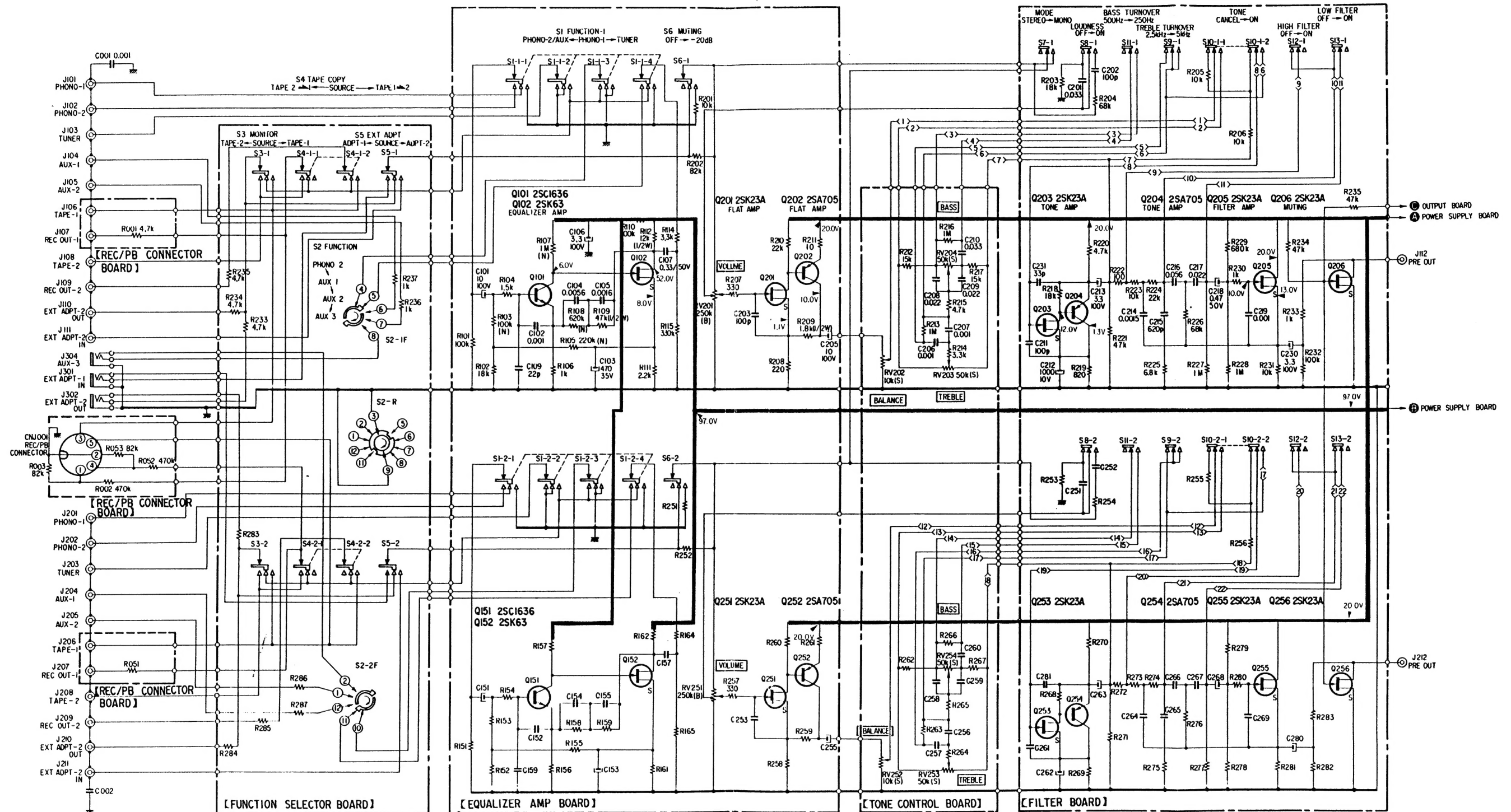


Q204, 254: 2SA704



3-9. SCHEMATIC DIAGRAM – PREAMPLIFIER SECTION –

USA Model: Serial No. 800,001 and later
 Canada Model: Serial No. 700,001 and later
 UK Model: Serial No. 600,351 and later
 AEP Model: Serial No. 501,901 and later

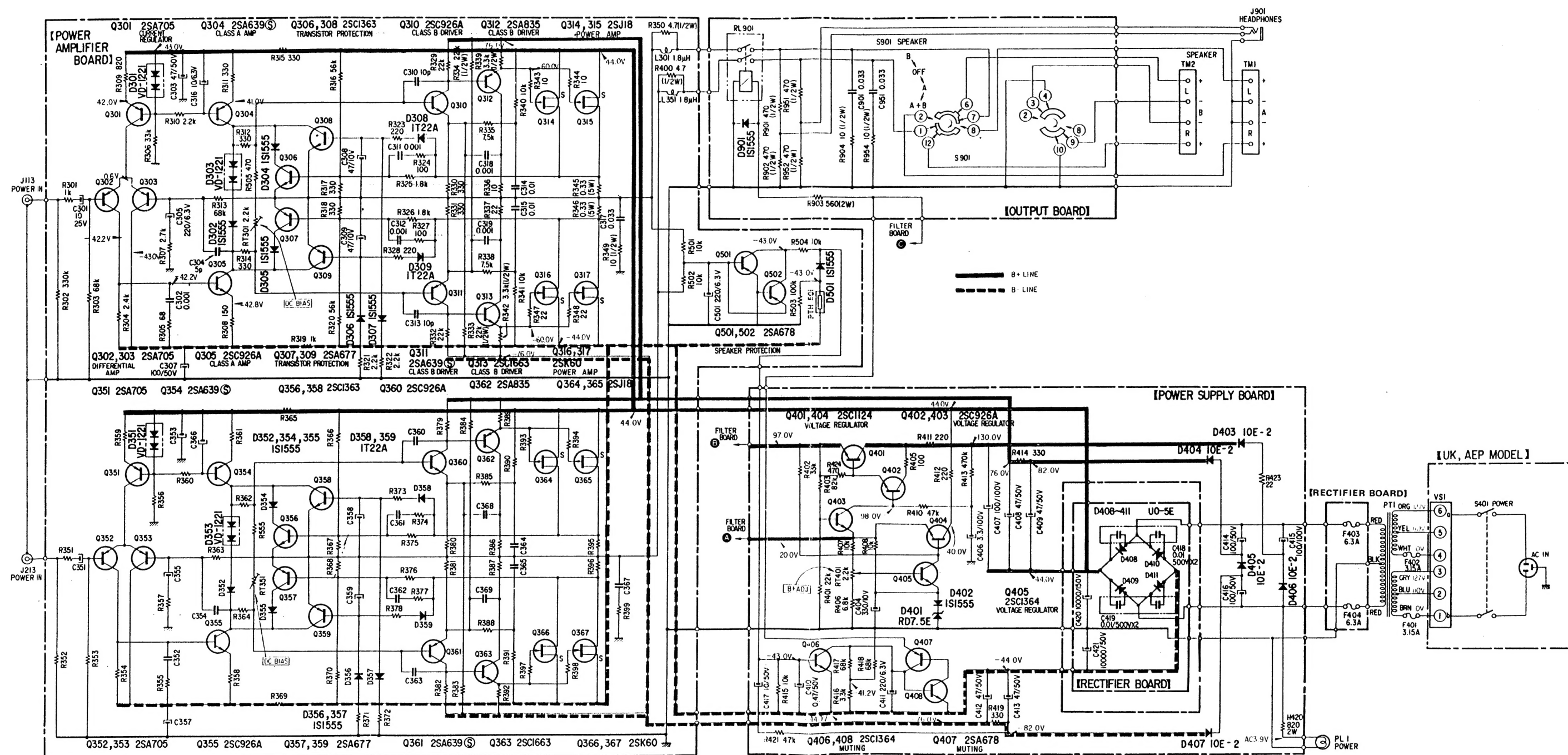


Note:
 All resistance values are in ohms. k = 1,000, M = 1,000 k
 All capacitance values are in μF except as indicated with p, which means μF .
 All voltages are dc measured with a VOM which has an input impedance of 20 k ohms/volt. No signal in.
 Voltage variations may be noted due to normal production tolerances.

TA-5650 TA-5650

3-10. SCHEMATIC DIAGRAM – POWER AMPLIFIER SECTION –

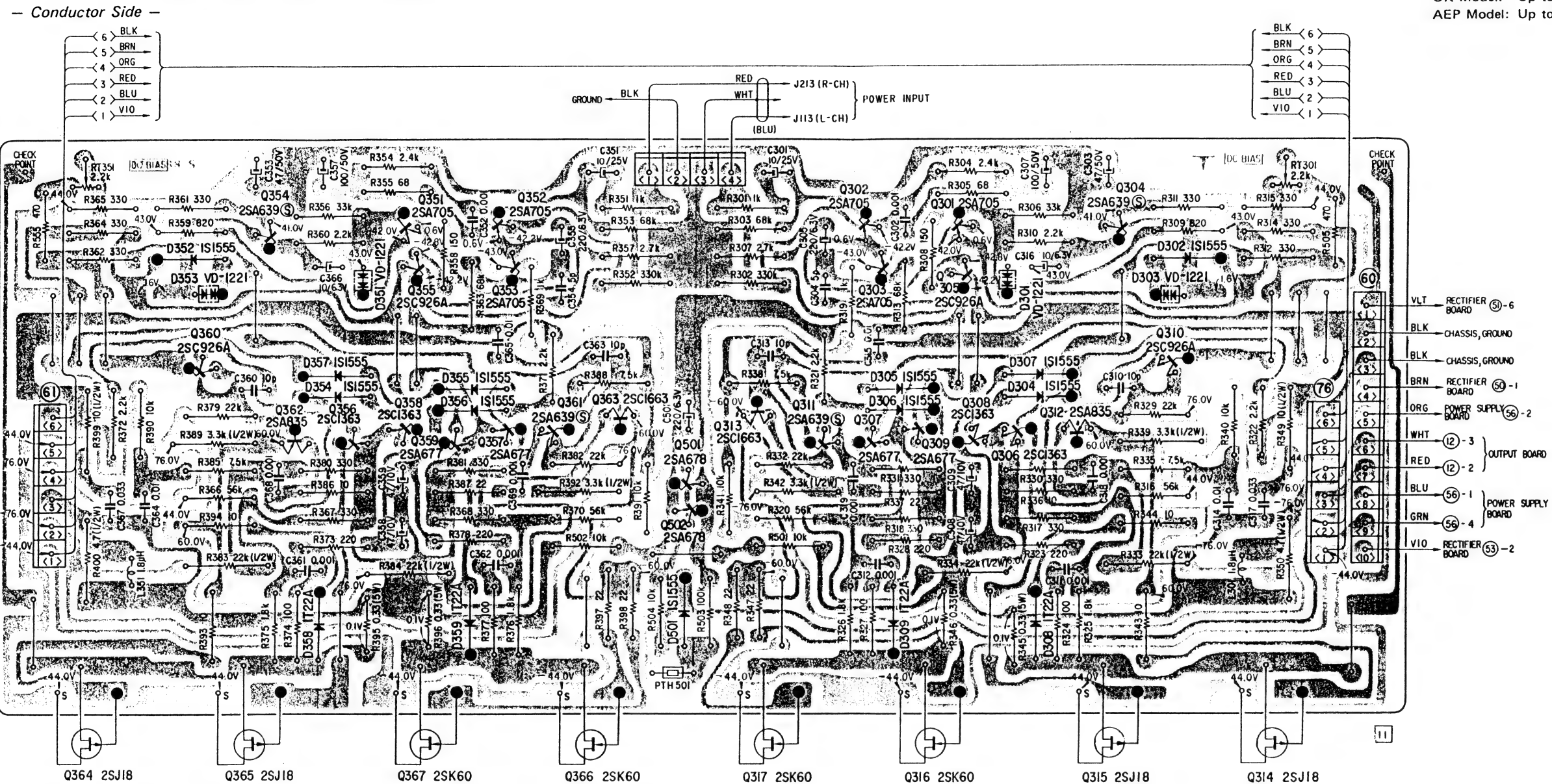
UK Model: Up to Serial No. 600,350
AEP Model: Up to Serial No. 501,900



Note:
All resistance values are in ohms. k = 1,000, M = 1,000k
All capacitance values are in μF except as indicated with p, which means μF .
All voltages are dc measured with a VOM which has an input impedance of 20k ohms/volt. No signal in.
Voltage variations may be noted due to normal production tolerances.

3-11. MOUNTING DIAGRAM — POWER AMPLIFIER BOARD —

UK Model: Up to Serial No. 600,350
AEP Model: Up to Serial No. 501,900



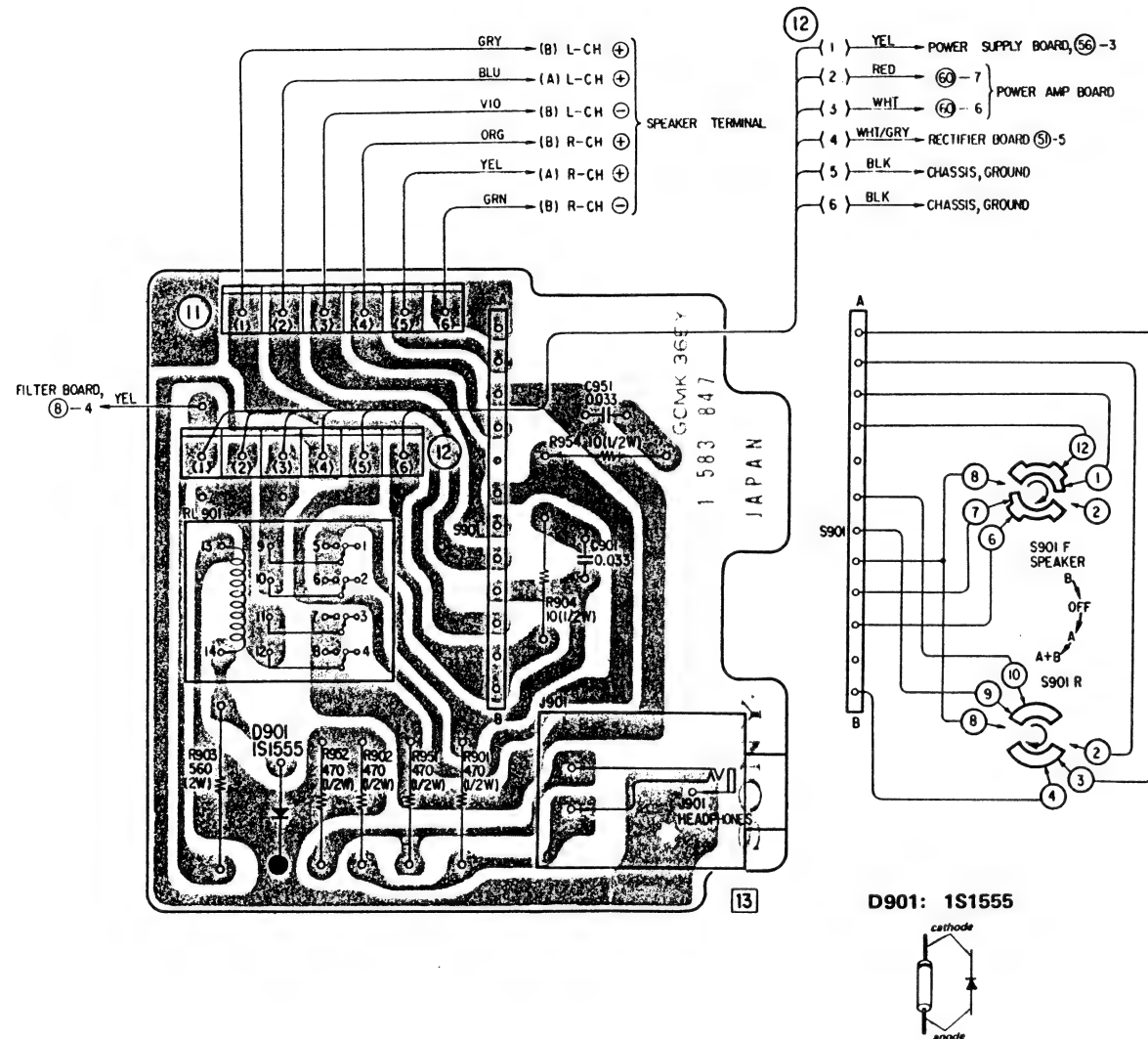
Q360		Q354		Q351		Q352		Q302		Q301		Q304		Q				
				Q355		Q353		Q303		Q305		Q310						
Q364		Q362	Q356	Q358		Q359	Q357	Q361	Q363	Q501	Q313	Q311	Q307		Q309	Q308	Q306	Q312
	Q365			Q367					Q366	Q502	Q317			Q316			Q315	Q314
D352		D351		D355								D301		D				
D353				D356								D305			D307		D302	
		D357		D358		D359				D501		D306			D304		D303	
		D354												D309		D308		
		D358																

TA-5650 TA-5650

3-12. MOUNTING DIAGRAM – OUTPUT BOARD –

– Conductor Side –

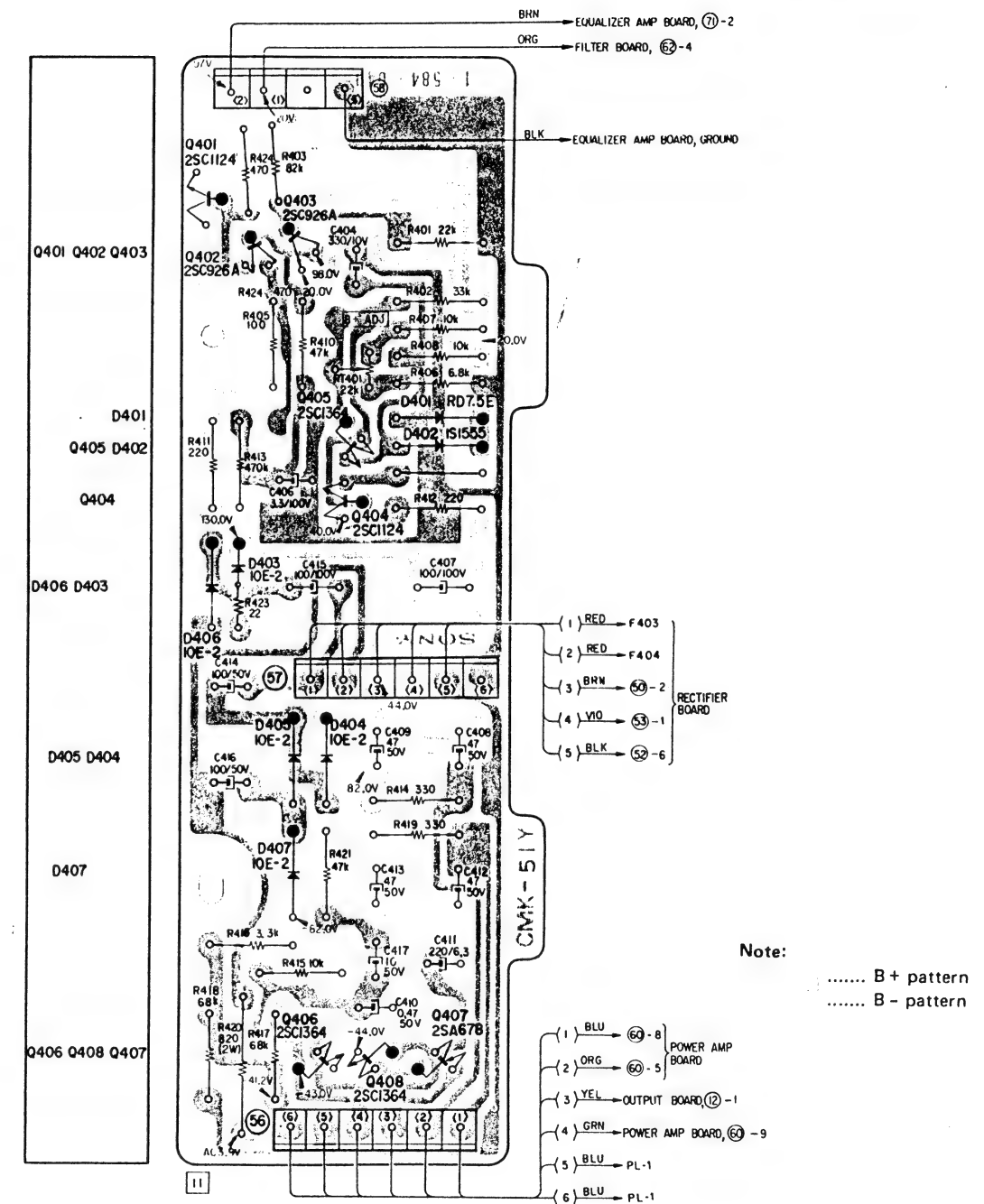
UK Model: Up to Serial No. 600,350
AEP Model: Up to Serial No. 501,900



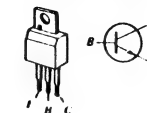
3-13. MOUNTING DIAGRAM – POWER SUPPLY BOARD –

– Conductor Side –

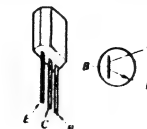
UK Model: Up to Serial No. 600,350
AEP Model: Up to Serial No. 501,900



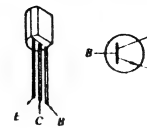
Q401, 404: 2SC1124



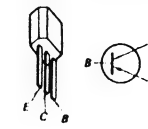
Q402, 403: 2SC926A



Q405, 406
Q408: 2SC1364



Q407: 2SA678



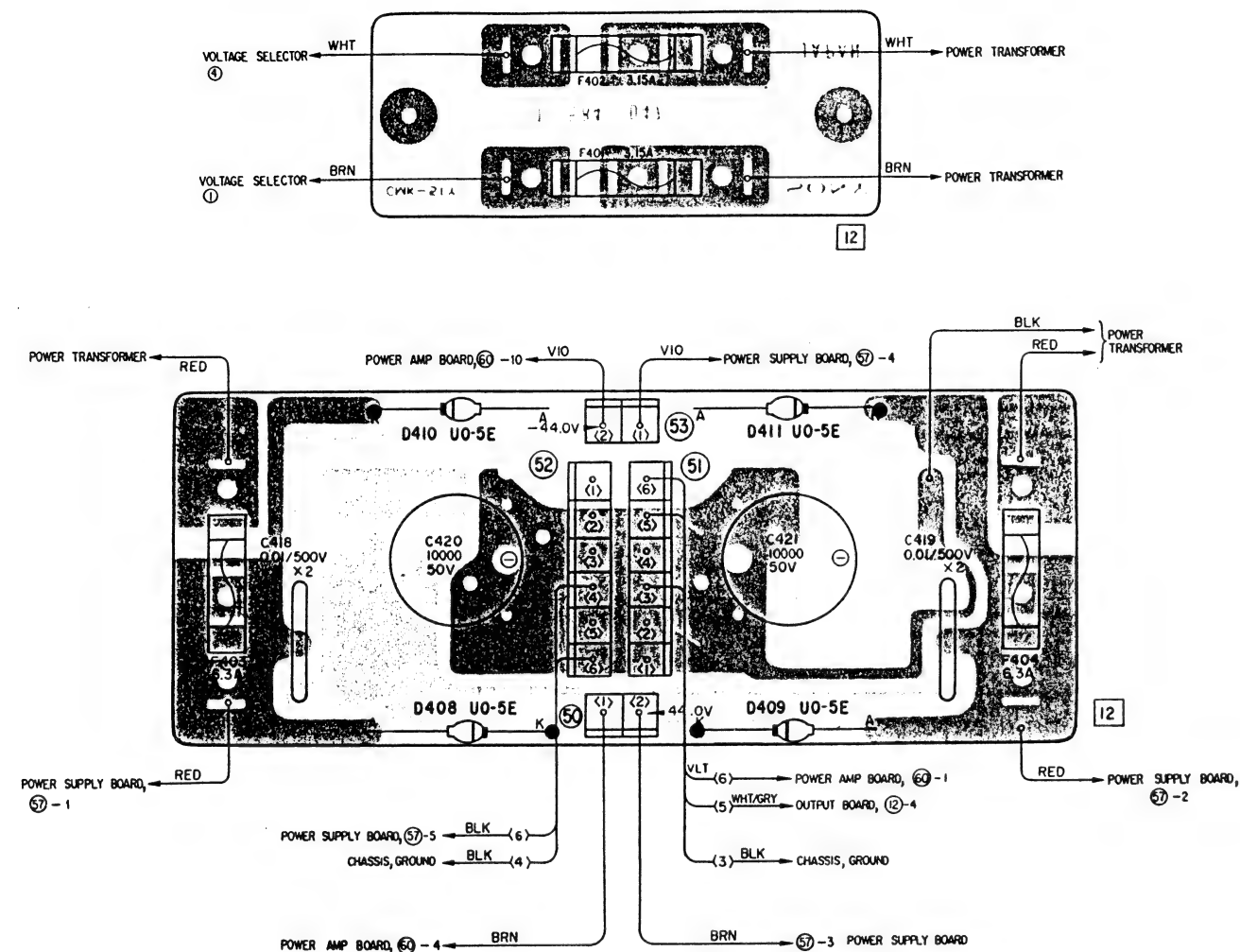
D401: RD-7.5E
D402: 1S1555
D403 ~ 407: 10E-2



3-14. MOUNTING DIAGRAM – RECTIFIER/FUSE BOARDS –

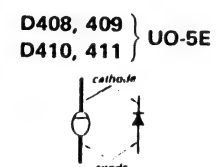
– Component Side –

MEMO



Note:

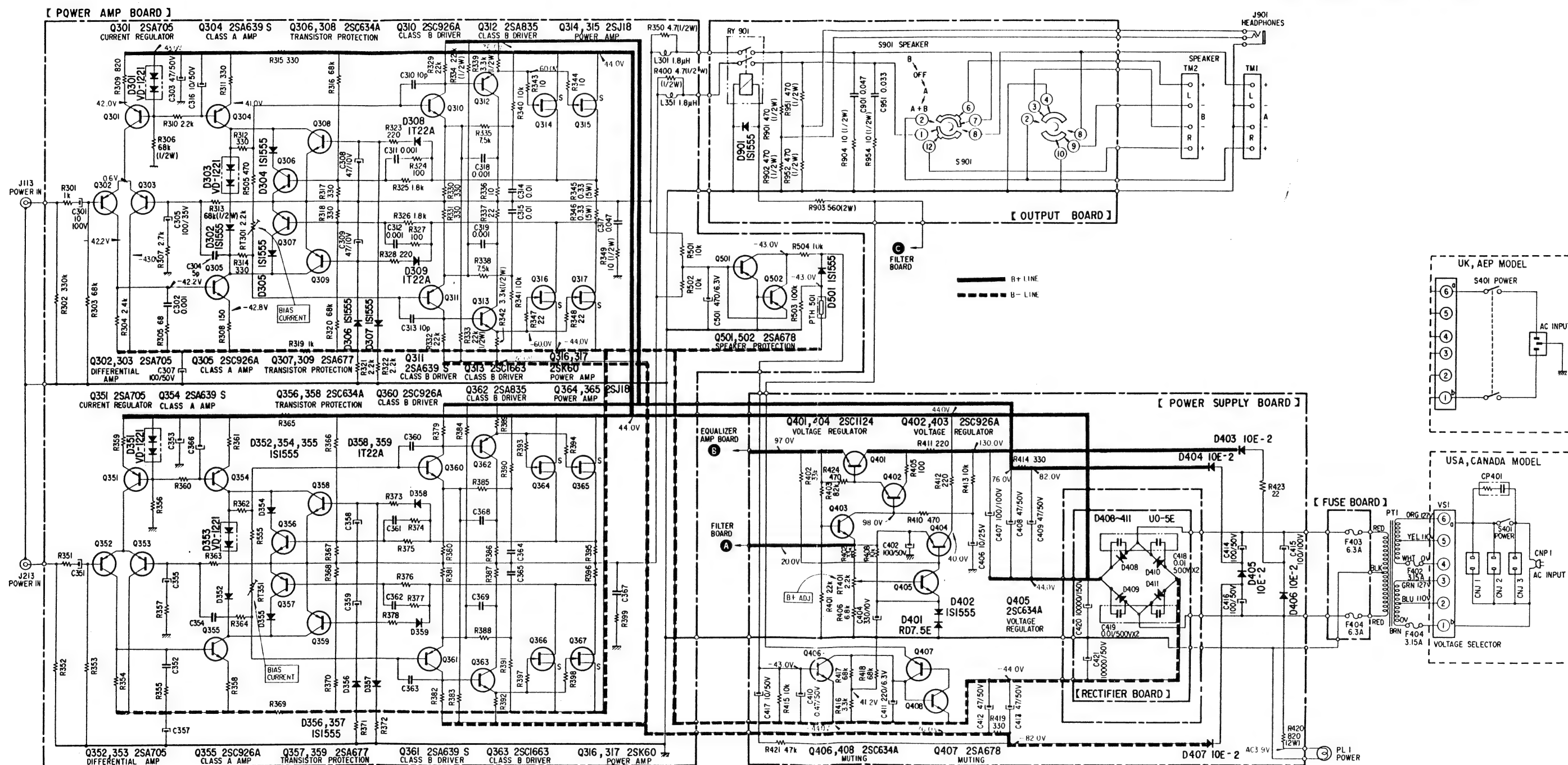
..... B+ pattern
..... B- pattern



TA-5650

3-15. SCHEMATIC DIAGRAM – POWER AMPLIFIER SECTION –

USA Model:	Serial No. 800,001 and later
Canada Model:	Serial No. 700,001 and later
UK Model:	Serial No. 600,351 and later
AEP Model:	Serial No. 501,901 and later

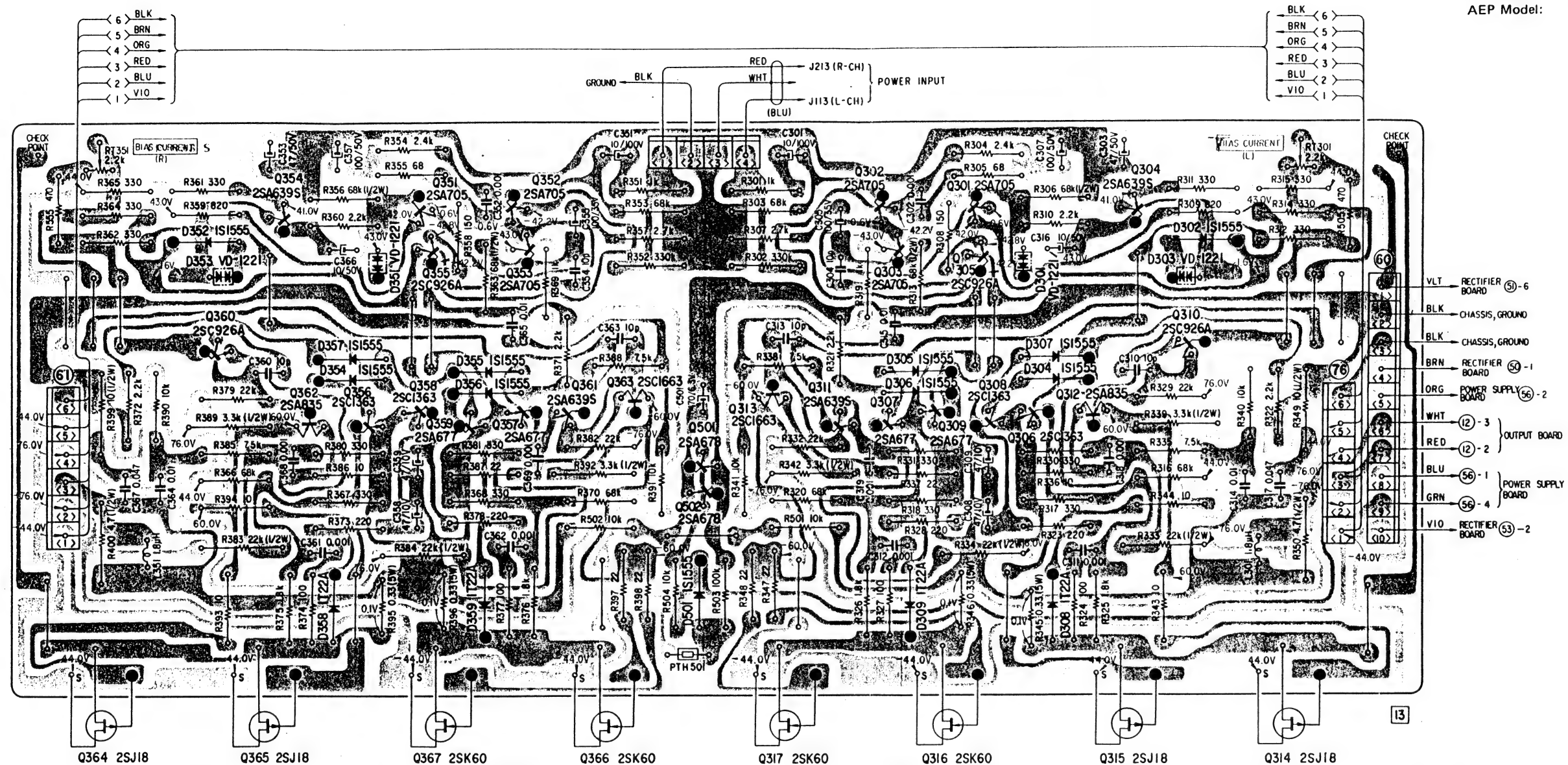


Note:
All resistance values are in ohms. k = 1,000, M = 1,000 k
All capacitance values are in μF except as indicated with p, which means μpF .
All voltages are dc measured with a VOM which has an input impedance of 20 k ohms/volt. No signal in.
Voltage variations may be noted due to normal production tolerances.

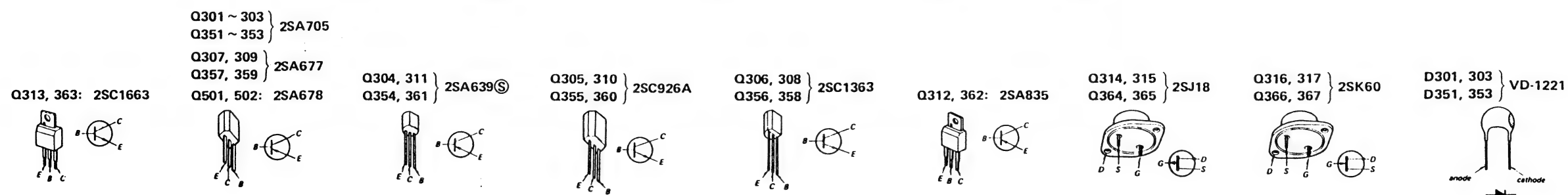
3-16. MOUNTING DIAGRAM — POWER AMPLIFIER BOARD —

— Conductor Side —

USA Model: Serial No. 800,001 and later
Canada Model: Serial No. 700,001 and later
UK Model: Serial No. 600,351 and later
AEP Model: Serial No. 501,901 and later



Q364	Q365	Q367	Q366	Q317	Q316	Q315	Q314	Q
Q364	Q365	Q367	Q366	Q317	Q316	Q315	Q314	Q
D352	D353	D357	D354	D358	D355	D356	D359	D
D352	D353	D357	D354	D358	D355	D356	D359	D

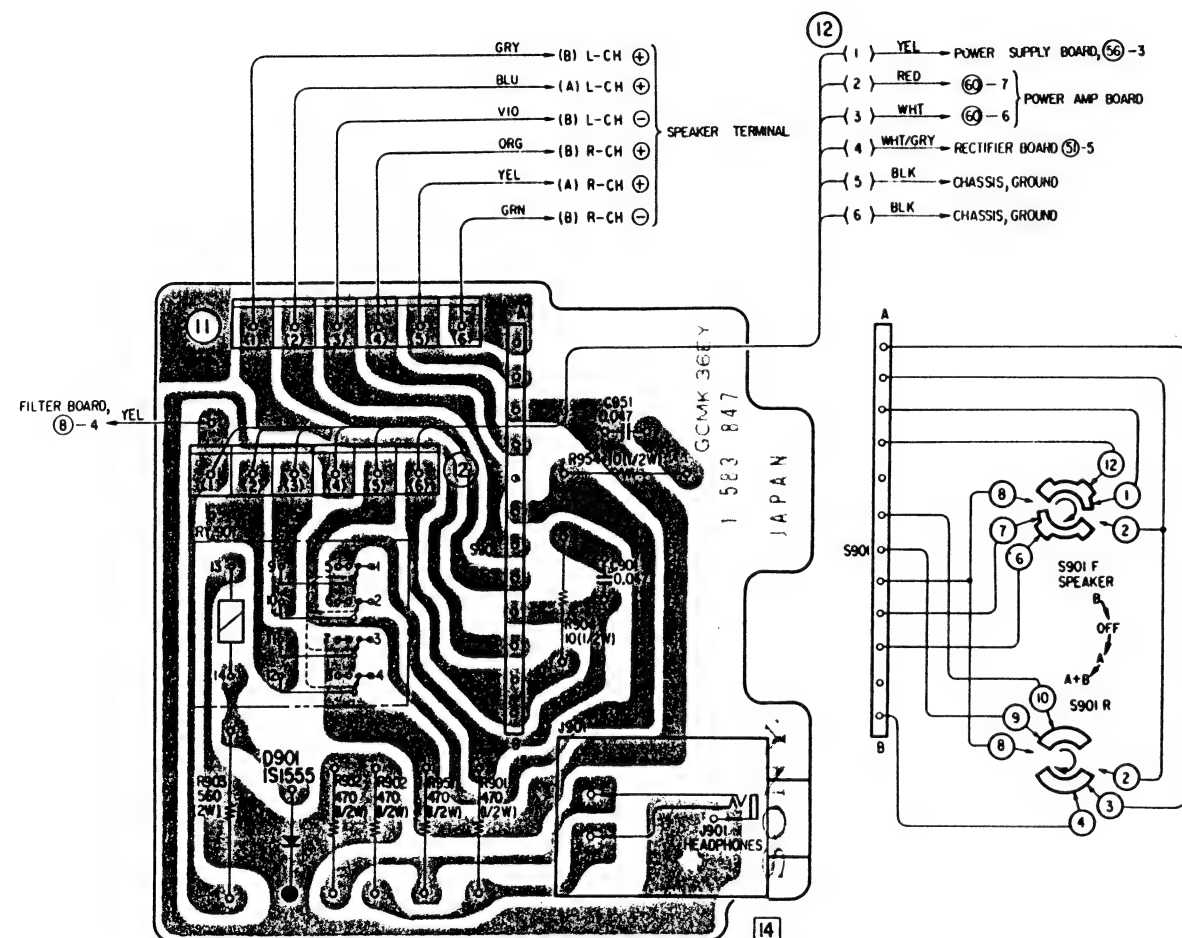


Note:
..... B + pattern
..... B - pattern

– Conductor Side –

12

- 1) YEL → POWER SUPPLY BOARD (56) -3
- 2) RED → (63) -7
- 3) WHT → (63) -6
- 4) WHT/GRY → RECTIFIER BOARD (51) -5
- 5) BLK → CHASSIS, GROUND
- 6) BLK → CHASSIS, GROUND



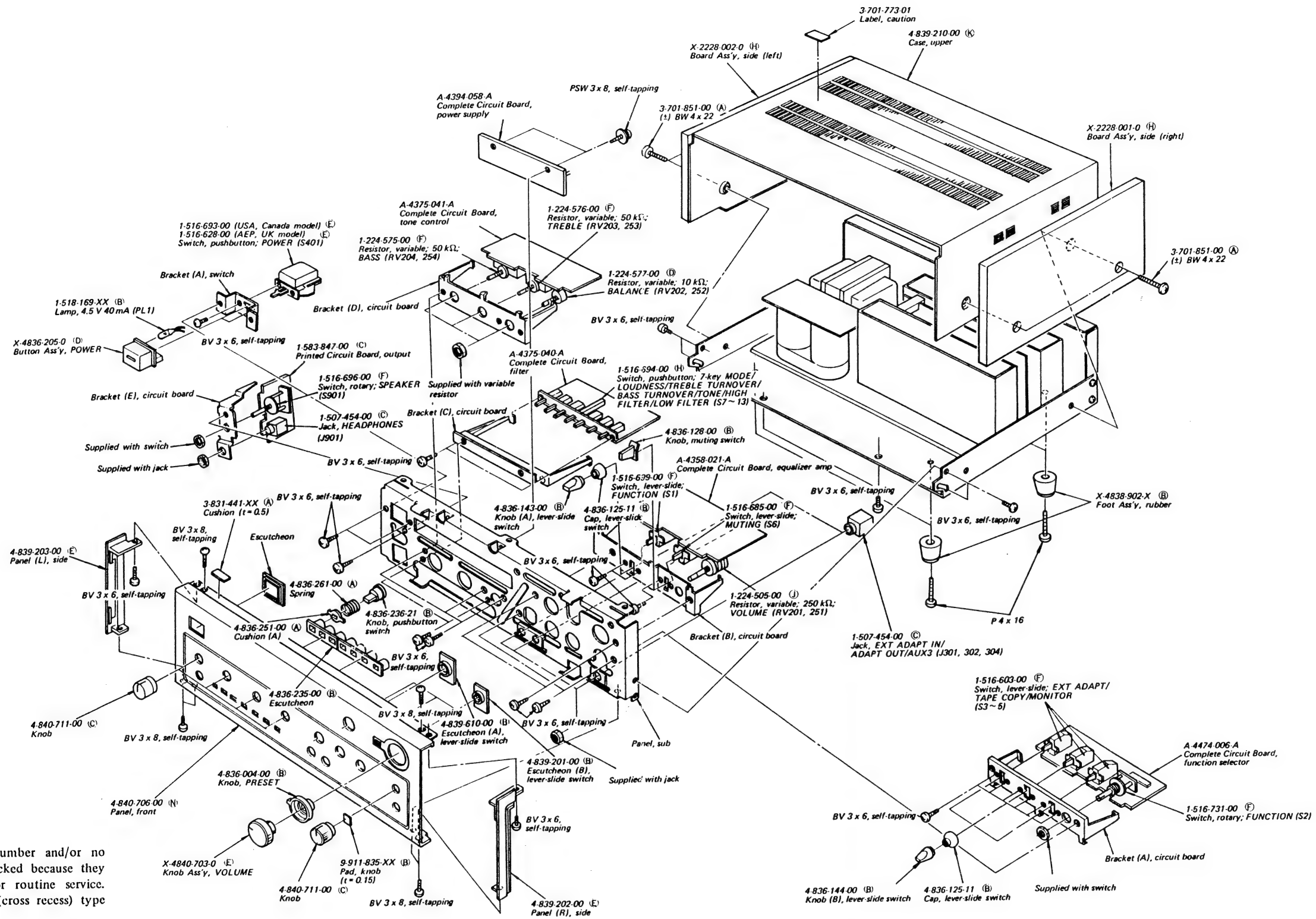
— Conductor Side —

..... B + pattern
..... B - pattern

SECTION 4

EXPLODED VIEWS

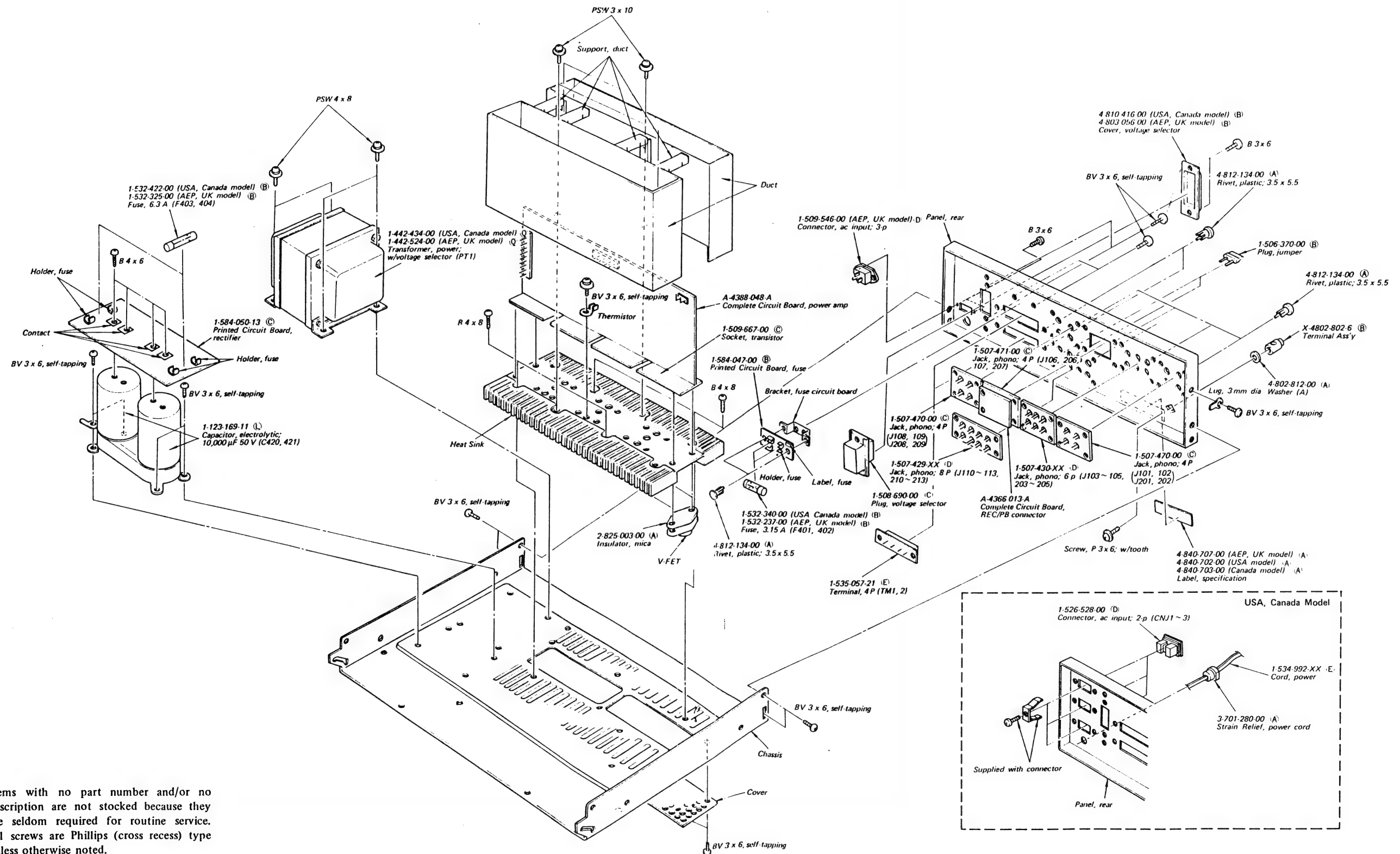
(1)



Note:

- Items with no part number and/or no description are not stocked because they are seldom required for routine service.
- All screws are Phillips (cross recess) type unless otherwise noted.
(-) = slotted head
- The circled letters (A) to (Z) are applicable for European model only.

(2)



Note:

- Items with no part number and/or no description are not stocked because they are seldom required for routine service.
- All screws are Phillips (cross recess) type unless otherwise noted.
(-) = slotted head
- The circled letters (A) to (Z) are applicable for European model only.

SECTION 5 ELECTRICAL PARTS LIST

Note: The circled letters (A to Z) are applicable for European model only.

Mark	Applicable Serial No.
□	UK model: Up to Serial No. 600,350 AEP model: Up to Serial No. 501,900
■	USA model: Serial No. 800,001 and later Canada model: Serial No. 700,001 and later UK model: Serial No. 600,351 and later AEP model: Serial No. 501,901 and later

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
COMPLETE CIRCUIT BOARDS					
A-4358-021-A		Equalizer Amp	Q314,364, Q315,365)	(K)	2SJ18
A-4366-013-A		REC/PB Connector	Q316,366, Q317,367)	(J)	2SK60
A-4375-040-A		Filter			
A-4375-041A		TONE Control	Q401	(C)	2SC1124
A-4388-048-A		Power Amp	Q402,403	(D)	2SC926A
			Q404	(C)	2SC1124
A-4394-058-A		Power Supply	Q405,406	(B)	2SC1364
A-4474-006-A		Function Selector	Q407	(C)	2SA678
			Q408	(B)	2SC1364
PRINTED CIRCUIT BOARDS			Q501,502	(C)	2SA678
1-583-847-00	(C)	Output	Diodes		
1-584-047-00	(B)	Fuse	D301,351	(B)	VD1221
1-584-050-13	(C)	Rectifier	D302,352	(B)	1S1555
SEMICONDUCTORS			D303,353	(B)	VD1221
Transistors			D304~307, D354~357)	(C)	1S1555
Q101,151	(B)	2SC1636	D308,358, D309,359)	(B)	1T22A
Q102,152	(E)	2SK63			
Q201,251	(C)	2SK23A	D401	(B)	RD7.5E
Q202,252	(C)	2SA705	D402	(B)	1S1555
Q203,253	(C)	2SK23A	D403~407	(B)	10E-2
Q204,254	(C)	2SA705	D408~411	(C)	U05E
Q205,255, Q206,256)	(C)	2SK23A	D501,901	(B)	1S1555
Q301~303, Q351~353)	(C)	2SA705	PTH501	1-800-340-21	(B) Thermistor (positive)
Q304,354	(C)	2SA639S	COIL		
Q305,355	(D)	2SC926A	L301,351	1-407-592-00	(A) Microinductor 1.8μH
Q306,356	(B)	2SC1364	TRANSFORMER		
Q307,357	(C)	2SA677	PT1	1-442-434-00	(Q) Power (USA, Canada model)
Q308,358	(B)	2SC1364	PT1	1-442-524-00	(Q) Power (AEP, UK model)
Q309,359	(C)	2SA677			
Q310,360	(D)	2SC926A			
Q311,361	(C)	2SA639S			
Q312,362	(E)	2SA835			
Q313,363	(D)	2SC1663			

Note: The circled letters (A to Z) are applicable for European model only.

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
CAPACITORS					
All capacitors are in μF and electrolytic type unless otherwise indicated.					
50 or less working volts are omitted except for electrolytic type. ($p = \mu\text{F}$)					
C001,002	1-102-074-11	(A) 0.001 ceramic	C301,351	(□ 1-121-748-11 (A) 10 25V ■ 1-121-126-11 (A) 10 100V	
C101,151	(□ 1-121-748-11 (A) 10 25V ■ 1-121-126-11 (A) 10 100V		C302,352	1-108-227-12 (A) 0.001 mylar	
C102,152	1-108-227-12 (A) 0.001 mylar		C303,353	1-123-058-11 (A) 47 50V	
C103,153	(□ 1-121-659-11 (B) 2200 10V ■ 1-121-361-11 (B) 470 35V		C304,354	1-102-807-11 (A) 5p ceramic	
C104,154	1-103-743-11 (B) 0.0056 polystyrol		C305,355	(□ 1-121-419-11 (B) 220 6.3V ■ 1-121-357-11 (B) 100 35V	
C105,155	1-103-730-11 (A) 0.0016 polystyrol		C307,357	1-123-059-11 (B) 100 50V	
C106	1-121-995-11 (B) 3.3 100V		C308,358	1-121-927-11 (B) 47 10V	
C107,157	(□ 1-105-729-12 (A) 0.22 100V mylar ■ 1-108-822-12 (A) 0.33 50V mylar		C309,359		
C109,159	1-102-967-11 (A) 22p ceramic		C310,360	1-102-947-11 (A) 10p ceramic	
C201,251	1-108-591-12 (A) 0.033 mylar		C311,361	1-108-227-12 (A) 0.001 mylar	
C202,252	1-102-973-11 (A) 100p ceramic		C312,362		
C203,253			C313,363	1-102-947-11 (A) 10p ceramic	
C205,255	(□ 1-123-051-11 (A) 10 50V ■ 1-121-126-11 (A) 10 100V		C314,364	1-108-239-12 (A) 0.01 mylar	
C206,256	1-108-555-12 (A) 0.001 mylar		C315,365		
C207,257			C316,366	(□ 1-121-469-11 (A) 10 6.3V ■ 1-121-738-11 (A) 10 50V	
C208,258	1-108-587-12 (A) 0.022 mylar		C317,367	(□ 1-108-244-12 (A) 0.033 mylar ■ 1-108-868-12 (A) 0.047 mylar	
C209,259			C318,368	1-108-227-12 (A) 0.001 mylar	
C210,260	1-108-591-12 (A) 0.033 mylar		C319,369		
C211,261	1-102-973-11 (A) 100p ceramic		C402	■ 1-121-417-11 (B) 100 50V	
C212,262	1-121-736-11 (B) 1000 10V		C404	1-121-805-11 (B) 330 10V	
C213,263	(□ 1-121-914-11 (B) 3.3 50V ■ 1-121-995-11 (B) 3.3 100V		C406	(□ 1-121-995-11 (A) 3.3 100V ■ 1-121-398-11 (A) 10 25V	
C214,264	1-108-559-12 (A) 0.0015 mylar		C407	1-123-084-11 (C) 100 100V	
C215,265	1-103-720-11 (A) 620p polystyrol		C408,409	1-123-058-11 (B) 47 50V	
C216,266	1-108-597-12 (A) 0.056 mylar		C410	1-121-726-11 (A) 0.47 50V	
C217,267	1-108-587-12 (A) 0.022 mylar		C411	1-121-419-11 (A) 220 6.3V	
C218,268	1-121-911-11 (A) 0.47 50V		C412,413	1-123-058-11 (B) 47 50V	
C219,269	1-108-227-12 (A) 0.001 mylar		C414	1-123-059-11 (B) 100 50V	
C230,280	(□ 1-121-914-11 (B) 3.3 50V ■ 1-121-995-11 (B) 3.3 100V		C415	1-123-084-11 (C) 100 100V	
C231,281	■ 1-102-963-11 (A) 33p ceramic		C416	1-123-059-11 (B) 100 50V	
			C417	1-121-738-11 (A) 10 50V	
			C418,419	1-102-355-11 (A) 0.01 500V ceramic	
			C420,421	1-123-169-11 (C) 10000 50V	
			C501	(□ 1-121-419-11 (B) 220 6.3V ■ 1-123-077-11 (B) 470 6.3V	
			C901,951	(□ 1-108-244-12 (A) 0.033 mylar ■ 1-108-868-12 (A) 0.047 mylar	

Note: The circled letters (A to Z) are applicable for European model only.

Ref. No.	Part No.	Description
RESISTORS		
All resistors are in ohms. Regular type $\pm 5\%$, $\frac{1}{4}W$ carbon and composition resistors are omitted. Check the schematic diagram for the resistance values. (k = 1000, M = 1000 k)		
R109,159	1-244-913-11	A 47 k $\frac{1}{2}W$ carbon
R112,162	1-244-899-11	A 12 k $\frac{1}{2}W$ carbon
R209,259	1-244-879-11	A 1.8 k $\frac{1}{2}W$ carbon
R306,356	1-244-917-11	A 68 k $\frac{1}{2}W$ carbon
R313,363	1-244-917-11	A 68 k $\frac{1}{2}W$ carbon
R333,383 R334,384	1-244-905-11	A 22 k $\frac{1}{2}W$ carbon
R339,389 R342,392	1-211-650-11	A 3.3 k $\frac{1}{2}W$ carbon
R345,395 R346,396	1-217-157-11	A 0.33 5W wire-wound
R349,399	1-211-590-11	A 10 $\frac{1}{2}W$ carbon
R350,450	1-244-817-11	A 4.7 $\frac{1}{2}W$ carbon
R420	1-206-662-11	A 820 2W metal oxide
R901,951 R902,952	1-244-865-11	A 470 $\frac{1}{2}W$ carbon
R903	1-206-658-11	A 560 2W metal oxide
R904,905	1-211-590-11	A 10 $\frac{1}{2}W$ carbon
RT301,351	1-224-489-00	B 2.2 k adjustable
RT401	1-224-250-XX	C 2.2 k adjustable
RV201,251	1-224-505-00	D 250 k variable; VOLUME
RV202,252	1-224-577-00	D 10 k variable; BALANCE
RV203,253	1-224-576-00	E 50 k variable; TREBLE
RV204,254	1-224-575-00	E 50 k variable; BASS

SWITCHES

S1	1-516-699-00	E Lever-slide, FUNCTION
S2	1-516-731-00	E Rotary, FUNCTION
S3~5	1-516-603-00	E Lever-slide, EXT ADAPT, TAPE COPY, MONITOR
S6	1-516-685-00	E Lever-slide, MUTING

Ref. No.	Part No.	Description
S7~13	1-516-694-00	H Push, 7-key; MODE, LOUDNESS, TREBLE TURNOVER, BASS TURNOVER, TONE, HIGH FILTER, LOW FILTER
S401	1-516-628-00 1-516-693-00	E Pushbutton, POWER (AEP, UK model) E Pushbutton, POWER (USA, Canada model)

S901	1-516-696-00	F Rotary, SPEAKER
------	--------------	-------------------

JACKS

CNJ001	1-509-549-00	B Connector, REC/PB
CNJ1~3	1-526-528-00	D Connector, ac; 2-p (USA, Canada model)
	1-509-546-00	D Connector, ac; 3-p (AEP, UK model)
J101,201 J102,202	1-507-470-00	C Phono, 4-p; PHONO 1, 2
J103~105 J203~205	1-507-430-XX	D Phono, 6-p; TUNER, AUX 1, 2
J106,206 J107,207	1-507-471-00	C Phono, 4-p; TAPE 1, REC OUT 1
J108,208 J109,209	1-507-470-00	C Phono, 4-p; TAPE 2, REC OUT 2
J110~113 J210~213	1-507-429-XX	D Phono, 8-p; EXT ADPT 2, PRE OUT, POWER IN
J301,302 J304	1-507-454-00	C EXT ADAPT IN, ADAPT OUT, AUX 3
J901	1-507-454-00	C HEADPHONES

MISCELLANEOUS

CP401	1-231-057-31	B Encapsulated Component (USA, Canada model)
F401,402	1-532-340-00 1-532-237-00	B Fuse, 3.15 A (USA, Canada model) B Fuse, 3.15 A (AEP, UK model)
F403,404	1-532-325-00 1-532-422-00	B Fuse, 6.3 A (AEP, UK model) B Fuse, 6.3 A (USA, Canada model)
PL1	1-518-169-XX	B Lamp, 4.5V 40 mA
RY901	1-515-257-00	H Relay

Note: The circled letters (A) to (Z) are applicable for European model only.

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
TM1,2	1-535-057-21	(E) Terminal, 4-p
	1-506-370-00	(B) Plug, jumper
	1-508-690-00	(C) Plug, voltage selector
	1-509-667-00	(C) Socket, transistor
	1-534-992-XX	(E) Cord, power (USA, Canada model)

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
ACCESSORIES		
1-506-113-00	(A)	Plug, short
1-534-819-11	(E)	Cord, power (UK model)
1-534-754-12	(E)	Cord, power (E model)
3-780-566-11	(F)	Manual, instruction (Canada, UK and AEP model)
3-780-566-21	(E)	Manual, instruction (USA model)
3-793-520-82	(A)	Card, guaranty (UK model)

Sony Corporation

© 1976

— 38 —

9-958-082-02

6C0658-1

Printed in Japan